

Claims

1. A liquid crystal display device comprising:
a back light assembly that generates a first light to transform the first light
5 into a second light having modulated optical characteristics;
a receiving container having sidewalls and a bottom face, the bottom face
including a combination groove that fixes the liquid crystal display device to an
external member, a width of a portion of the combination groove being larger than a
width of an entrance of the combination groove; and
10 a liquid crystal display panel that transforms the second light into an image
light, the liquid crystal display panel being received by the receiving container.
2. The liquid crystal display device of claim 1, wherein the combination
groove has a spherical shape.
15
3. The liquid crystal display device of claim 1, wherein the combination
groove is formed at corner of the bottom face of the receiving container.
4. A display apparatus comprising:
20 a back light assembly that generates a first light to transform the first light
into a second light having modulated optical characteristics;
a receiving container having first sidewalls and a first bottom face, the
bottom face including a combination groove that fixes the liquid crystal display
device to an external member, a width of a portion of the combination groove being
25 larger than a width of an entrance of the combination groove;
a liquid crystal display panel for transforming the second light into an image
light, the liquid crystal display panel being received by the receiving container;

a case including a front case and a rear case, the rear case including second sidewalls and a second bottom face, the rear case receiving the receiving container, the rear case being combined with the front case; and

a coupling member for coupling the receiving container and the rear case, the
5 coupling member being formed at the first bottom face of the receiving container and the second bottom face of the rear case.

5. The display apparatus of claim 4, wherein the coupling member includes a combination groove formed at the first bottom face, and a protrusion
10 formed on the second bottom face, a width of a portion of the combination groove being larger than a width of an entrance of the combination groove, a contour of the protrusion corresponding to the combination groove.

6. The display apparatus of claim 5, wherein the combination groove has
15 a first spherical shape and the protrusion has a second spherical shape, the first spherical shape being substantially same to the second spherical shape.

7. The display apparatus of claim 4, wherein the coupling member includes a combination groove formed at the second bottom face, and a protrusion
20 formed on the first bottom face, a width of a portion of the combination groove being larger than a width of an entrance of the combination groove, a contour of the protrusion corresponding to the combination groove.

8. The display apparatus of claim 5, wherein the combination groove has
25 a first spherical shape, and the protrusion has a second spherical shape, the first spherical shape being substantially same to the second spherical shape.